

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

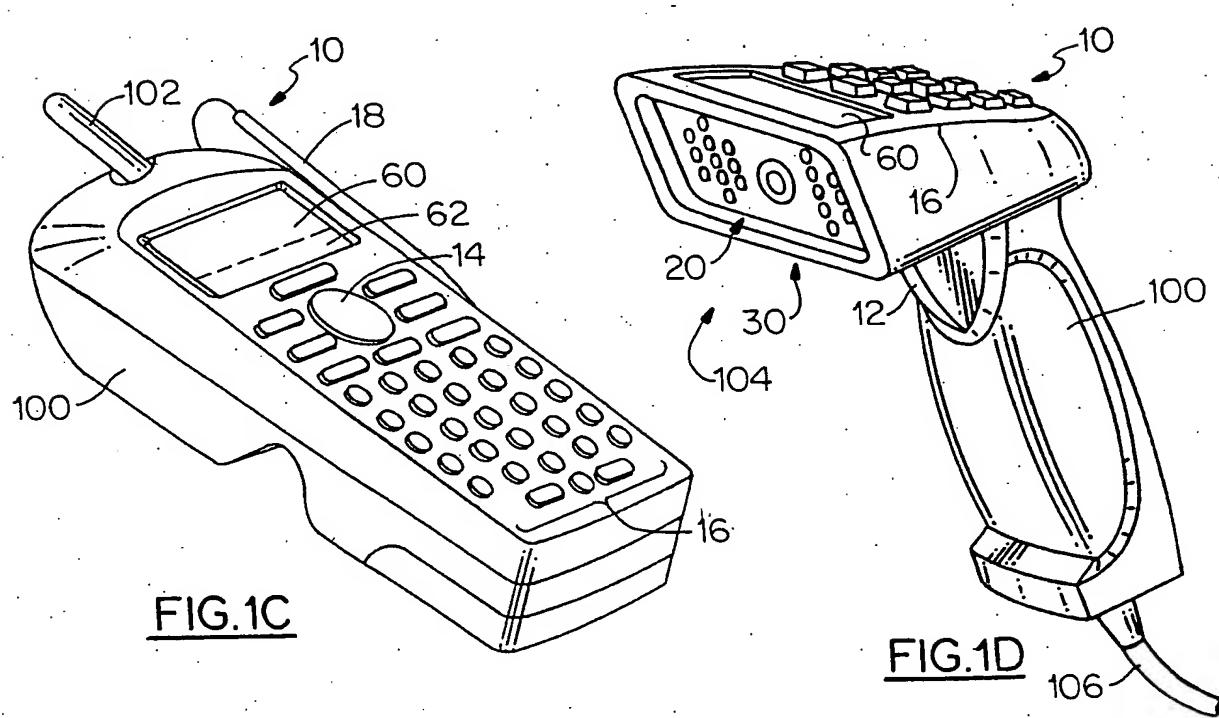
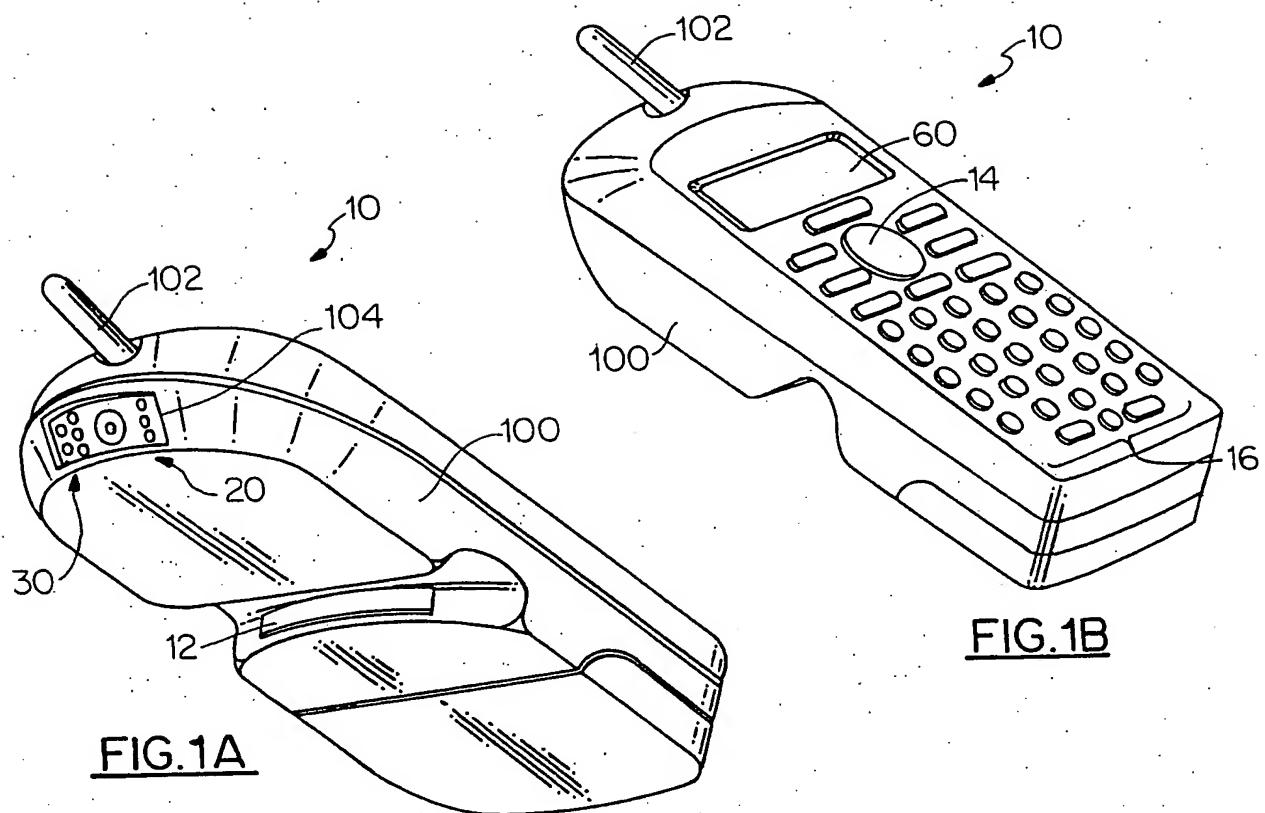
Defective images within this document are accurate representations of the original documents submitted by the applicant.

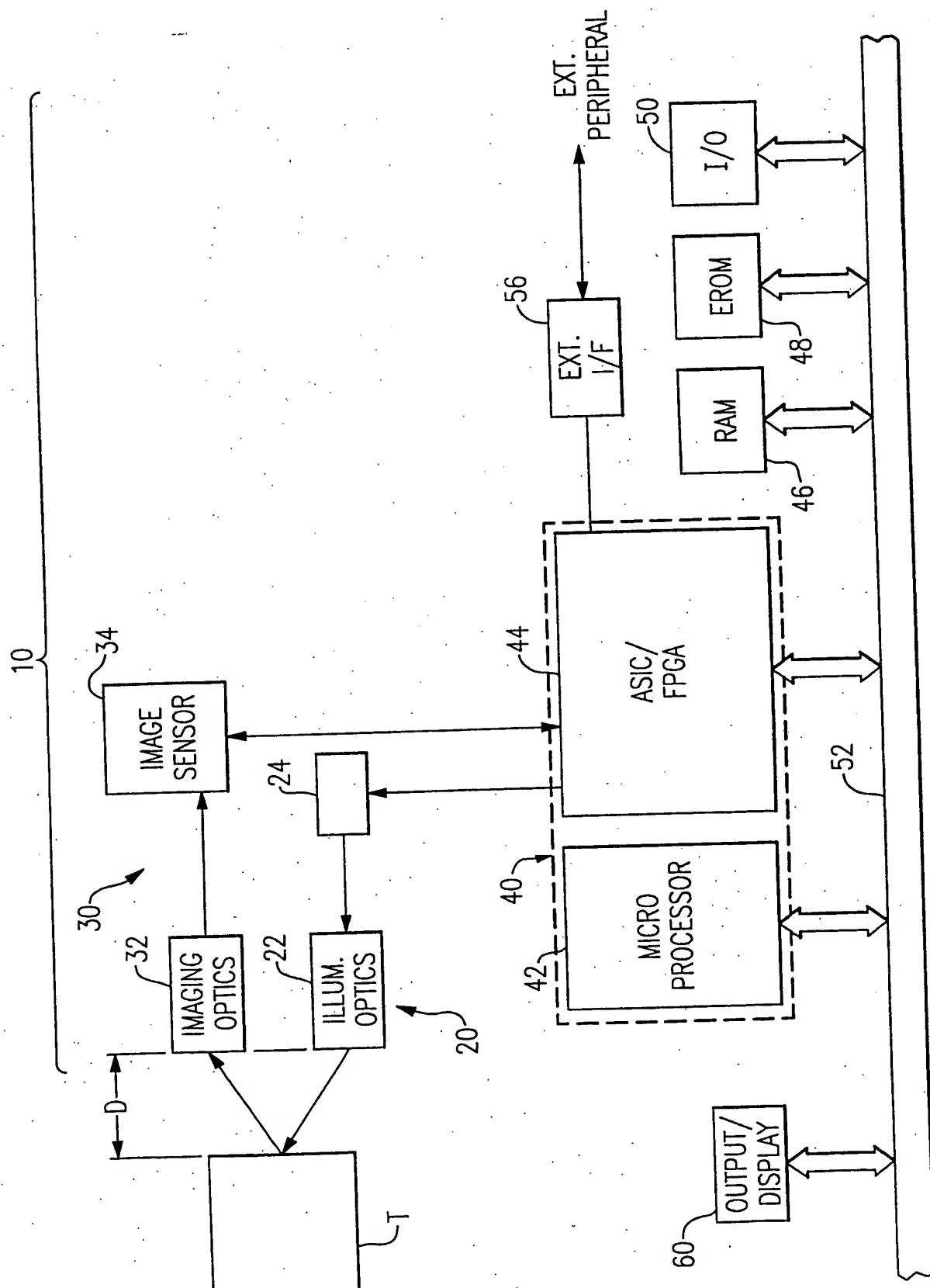
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**





**FIG.2**

FIG.3

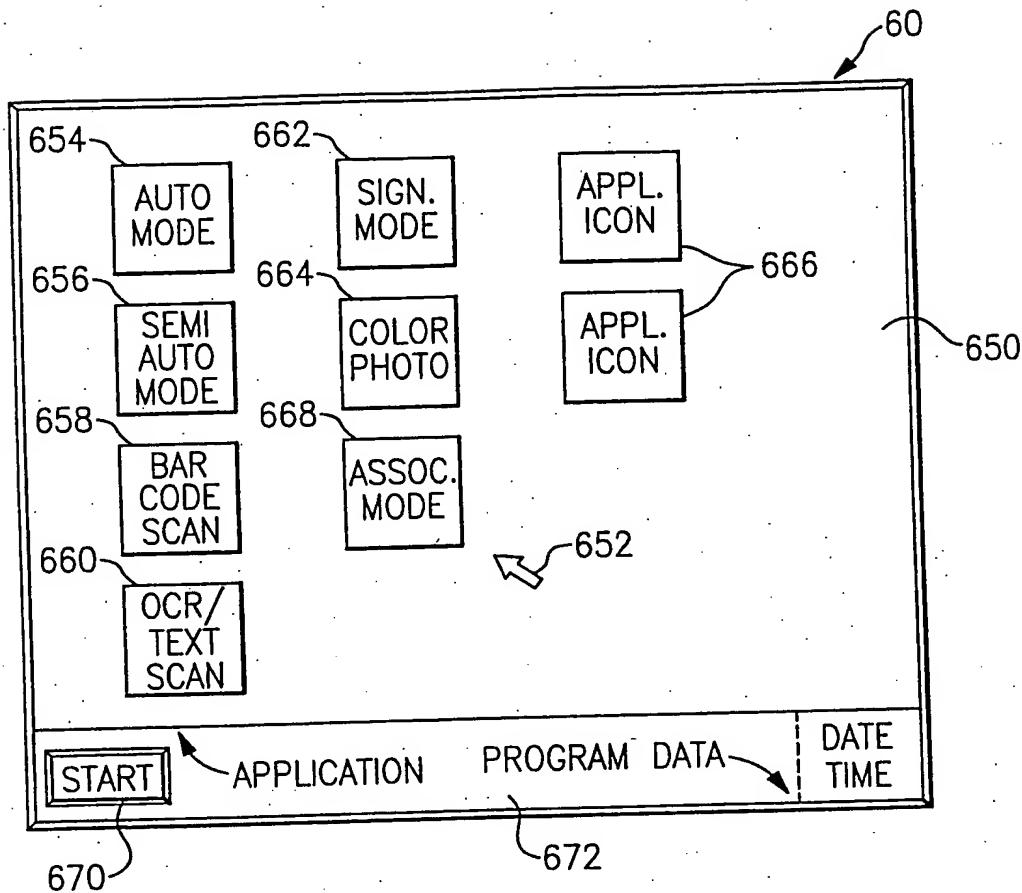
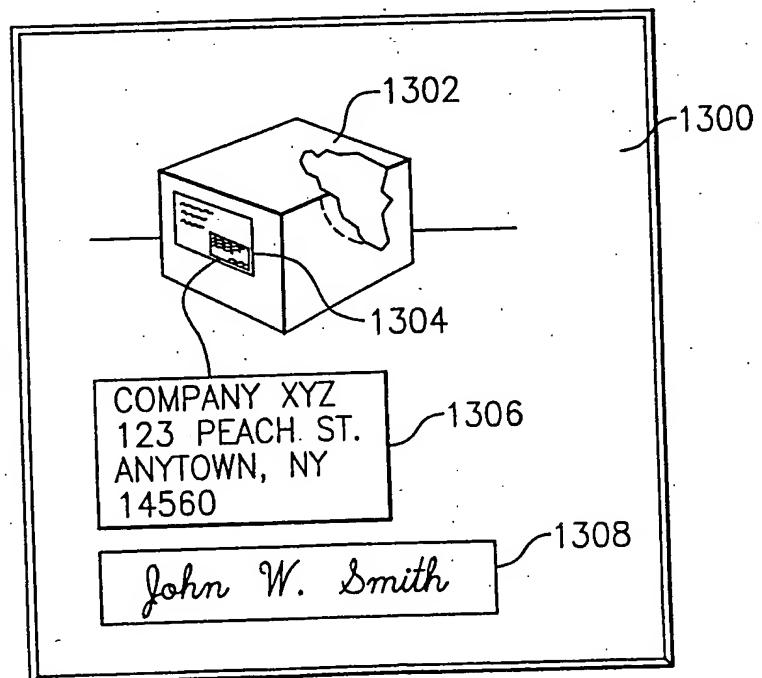
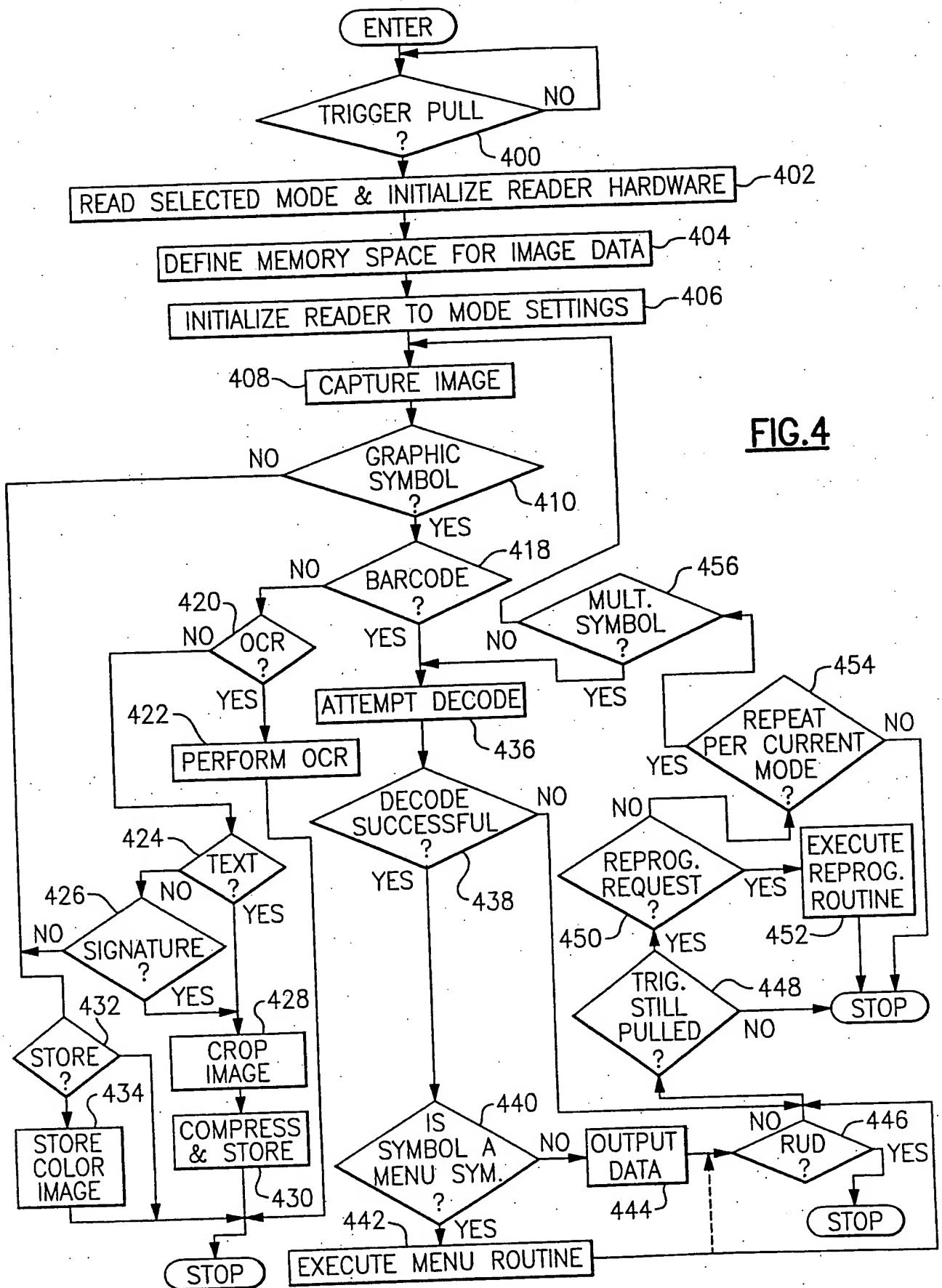


FIG.13





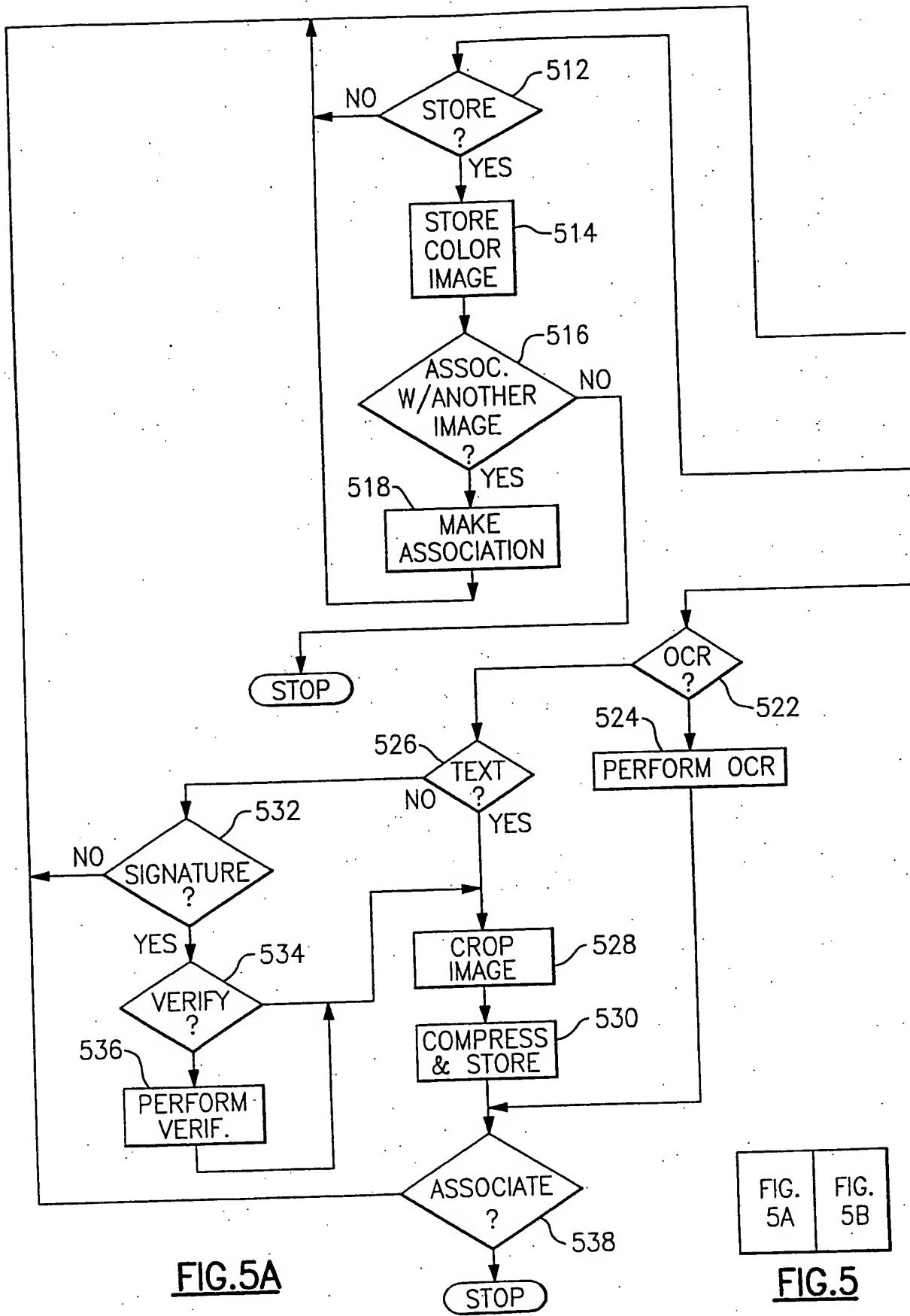
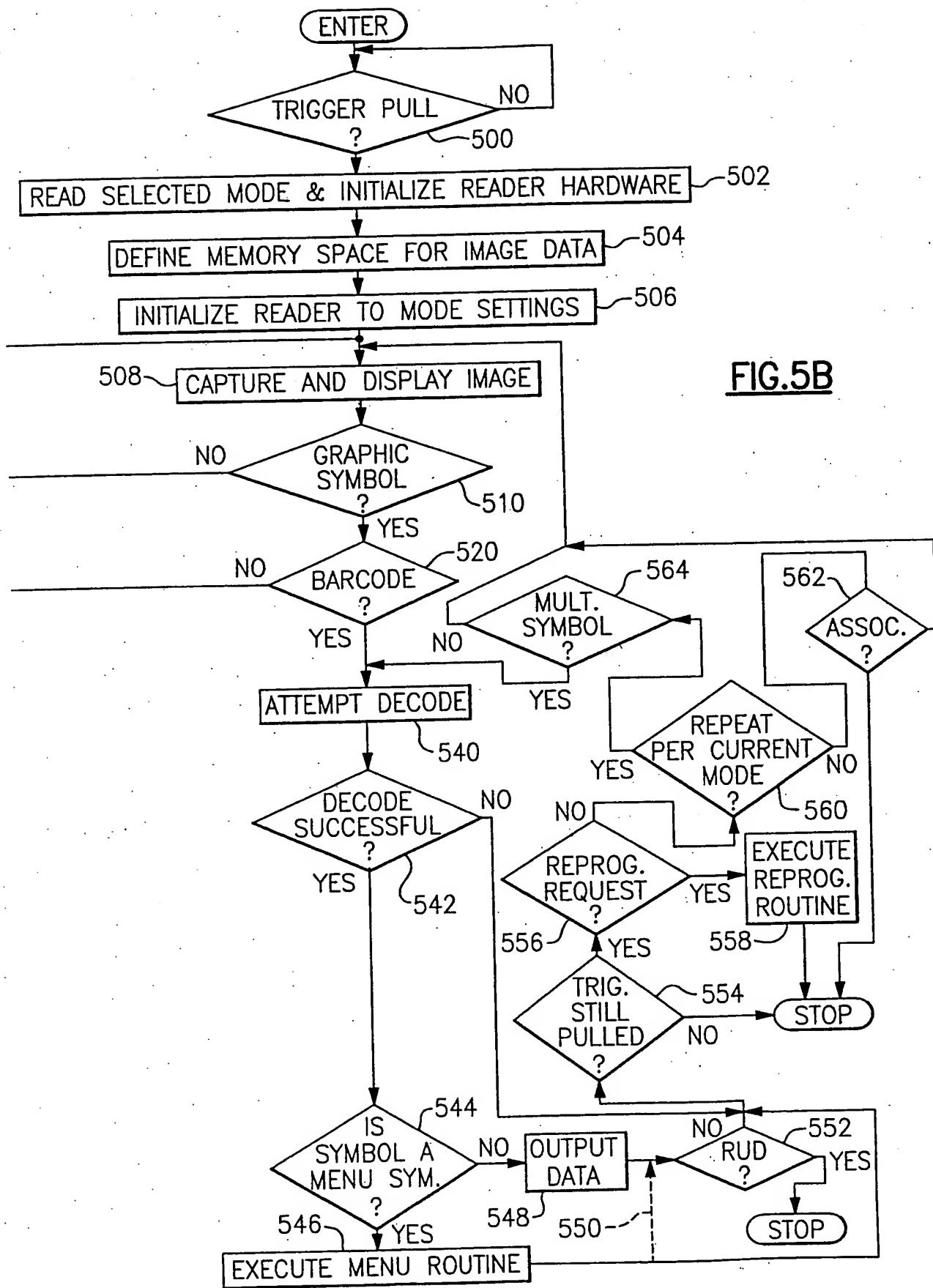


FIG. 5A

FIG. 5

FIG. 5A	FIG. 5B
---------	---------



**FIG.5B**

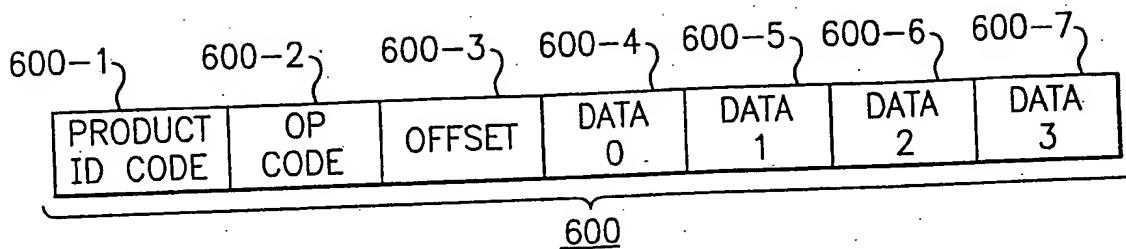


FIG.6A

OPTIONS (OFFSET) TABLE

- A. COMMUNICATIONS OPTIONS
  - 1. RS-232
  - 2. BAUD RATE
  - 3. RF LINK
  - 4. ETHERNET
- B. CODE OPTIONS
  - 1. DISABLE 1D
  - 2. DISABLE 2D
  - 3. DISABLE INDIV.
  - 4. MIN-MAX LENGTH
  - 5. MULTIPLE SYMBOLS ENABLED
- C. SCANNING-DECODING OPTIONS
  - 1. ONE SHOT
  - 2. REPEAT UNTIL DONE
  - 3. REPEAT UNTIL STOPPED
  - 4. SCAN ON DEMAND
  - 5. SKIP SCAN
  - 6. DECODE ON DEMAND
- D. OPERATING OPTIONS
  - 1. BEEPER VOLUME
  - 2. AIMING LED ON/OFF
  - 3. AURAL FEEDBACK
- E. TRANSMIT OPTIONS
  - 1. SEND CHECK CHAR'S
  - 2. SEND CHECKSUM
  - 3. DATA EDIT OPTIONS
- F. READER MODE OPTIONS
  - 1. AUTOMATIC
  - 2. SEMI-AUTOMATIC
  - 3. BAR CODE SCANNING
  - 4. OCR
  - 5. SIGNATURE
  - 6. COLOR IMAGING

OP CODE TABLE

- A. OP CODE "0" - VECTOR PROC.
  - 1. OUTPUT VERSION OF SOFTWARE
  - 2. OUTPUT CONTENTS OF PARAMETER TABLE
  - 3. DISPLAY ENABLED CODES
  - 4. PRINT PARAMETER TABLE AS BAR CODE SYMBOL
- B. OP CODE "1" - CLEAR
- C. OP CODE "2" - SET
- D. OP CODE "3" - TOGGLE
- E. OP CODE "4" - ADD
- F. OP CODE "5" - DEFAULT
- G. OP CODE "6" - LOAD
- H. OP CODE "7" - RESERVED

FIG.6C

FIG.6B

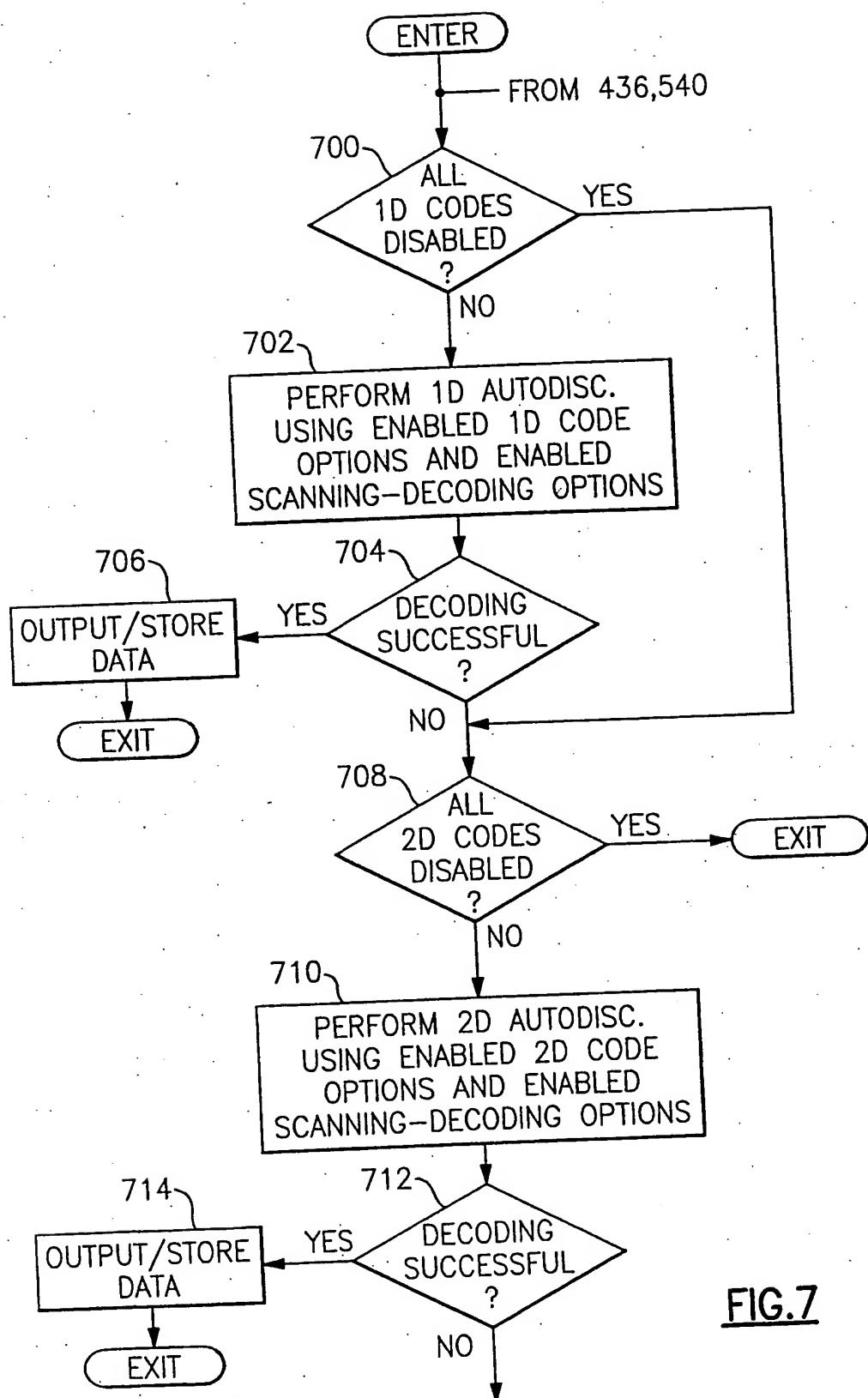
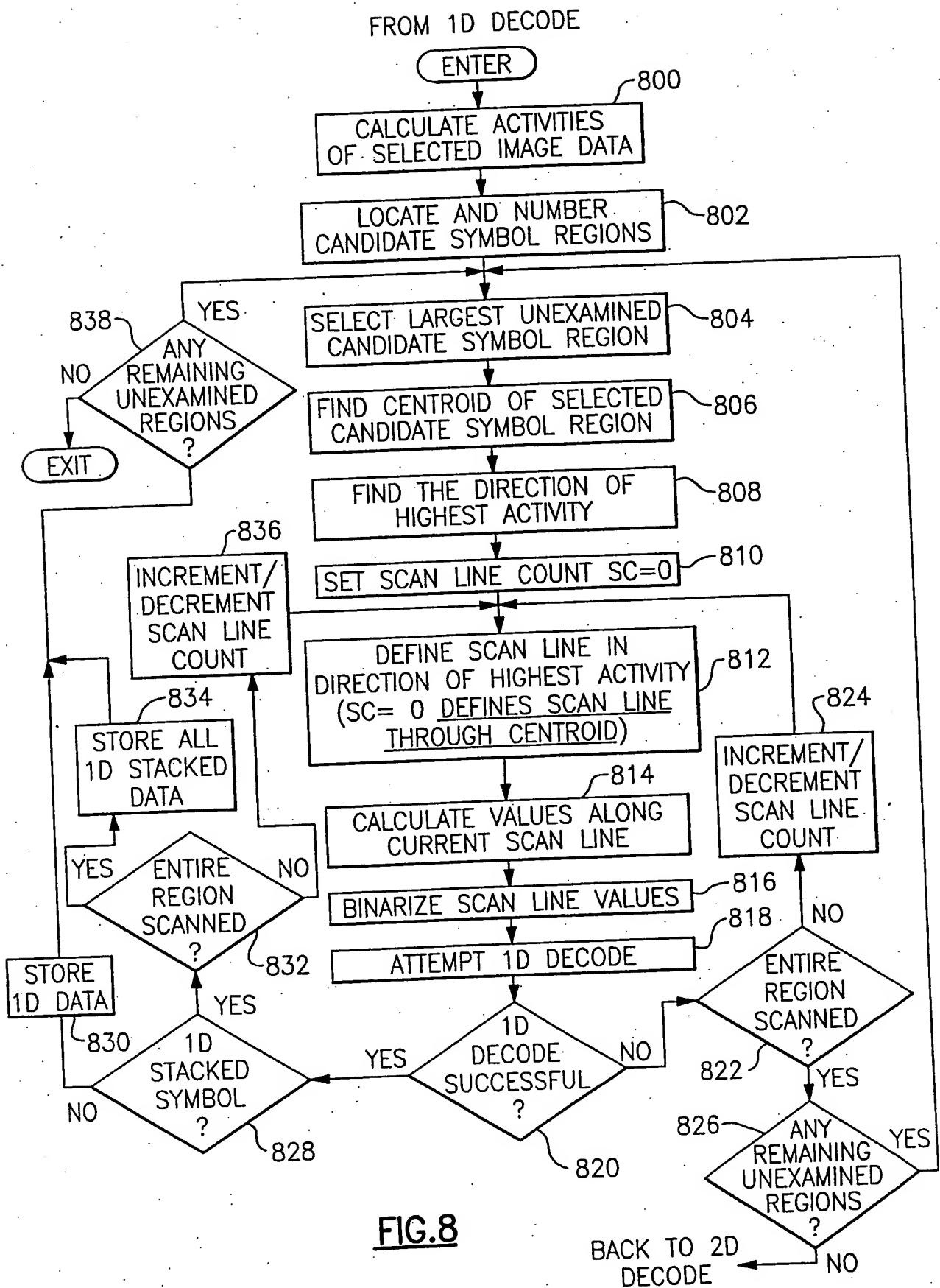


FIG.7



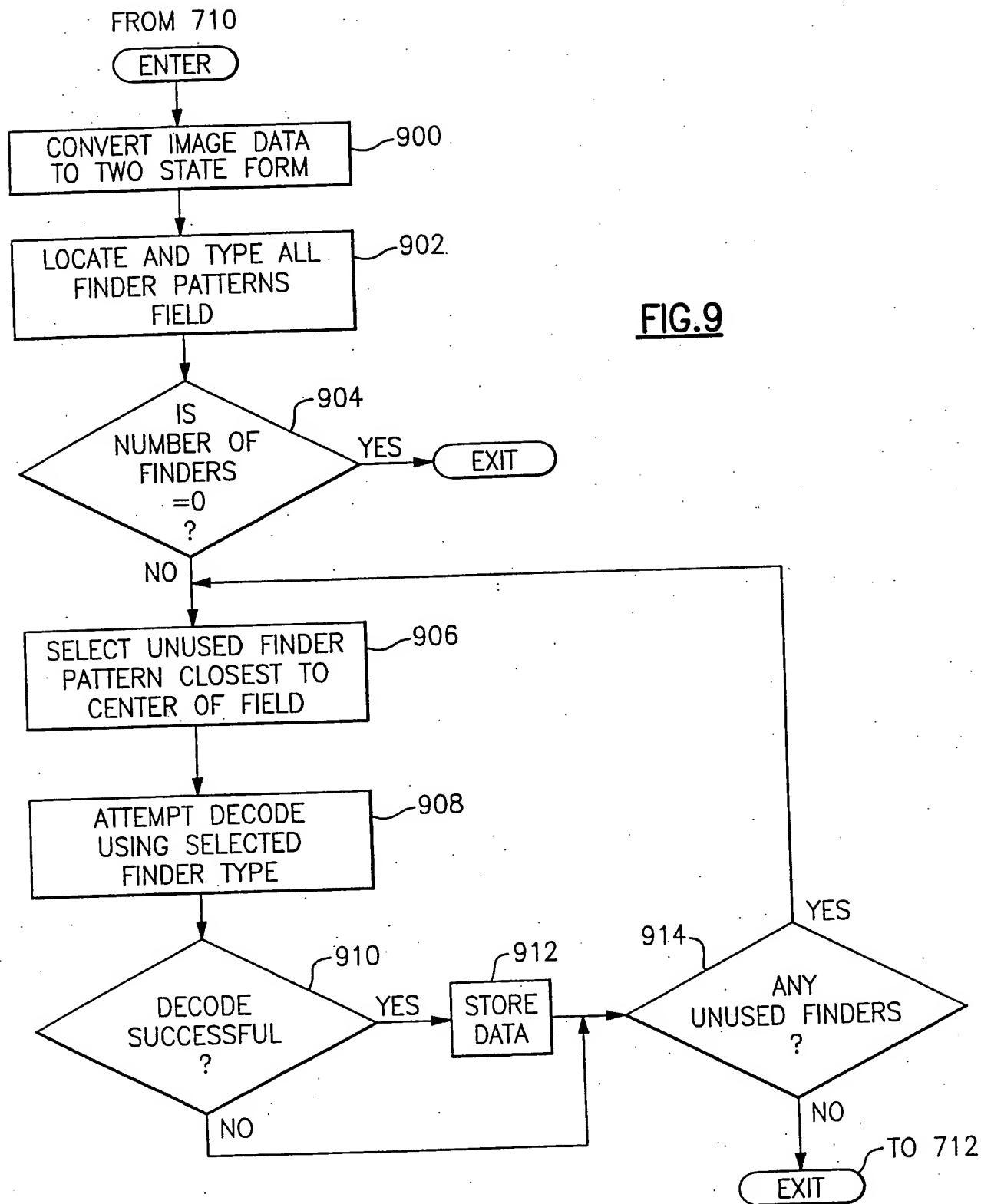


FIG.9

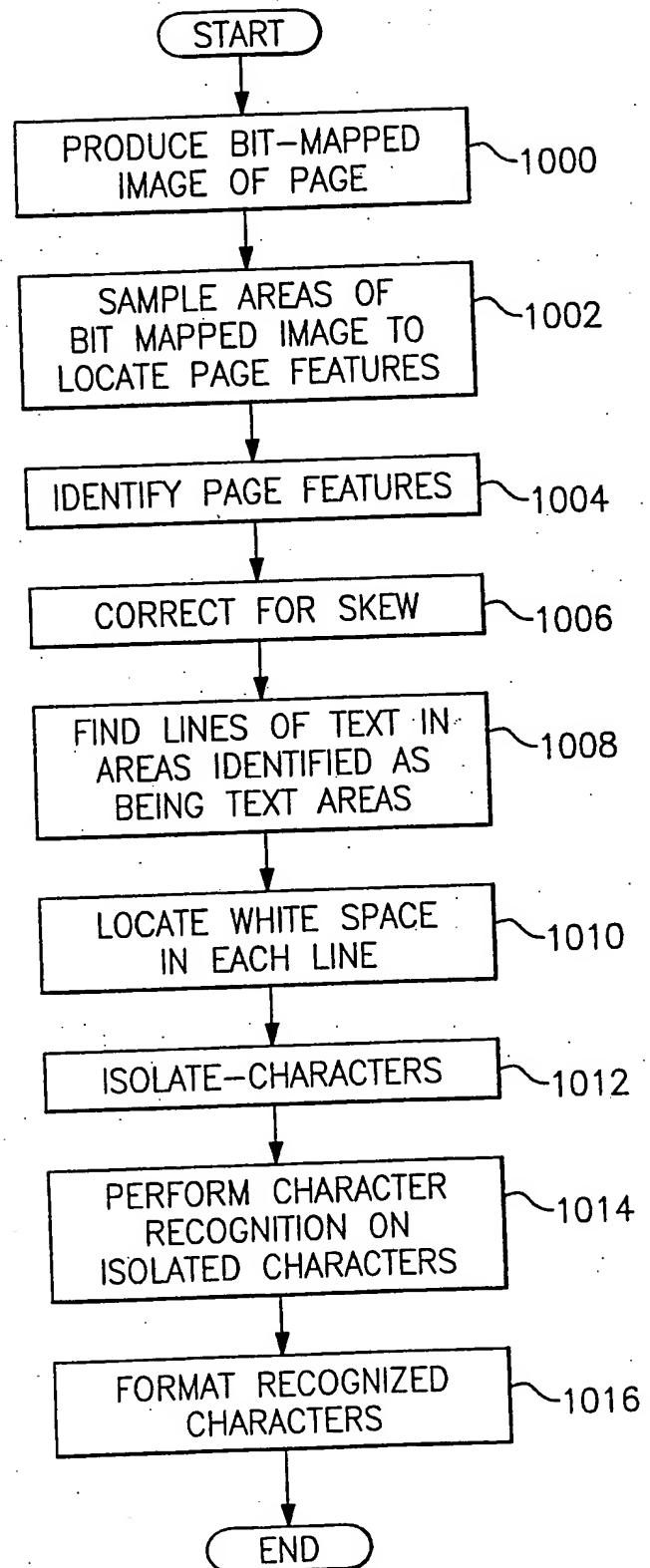


FIG.10

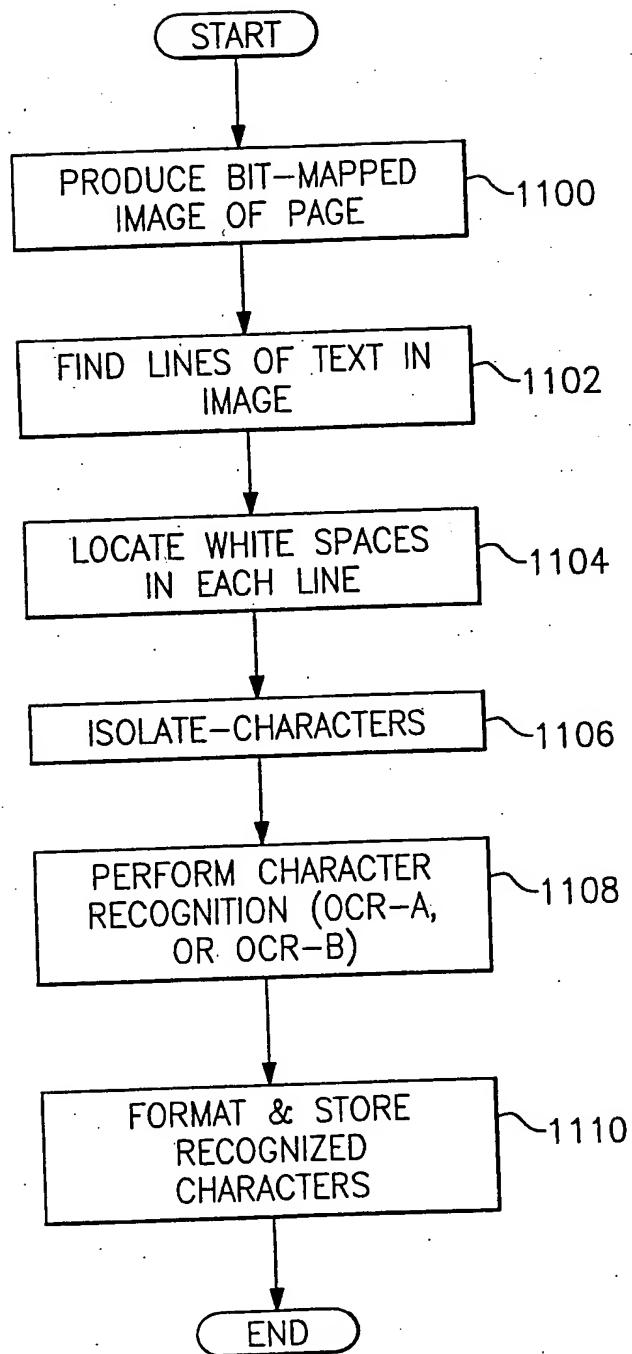


FIG.11

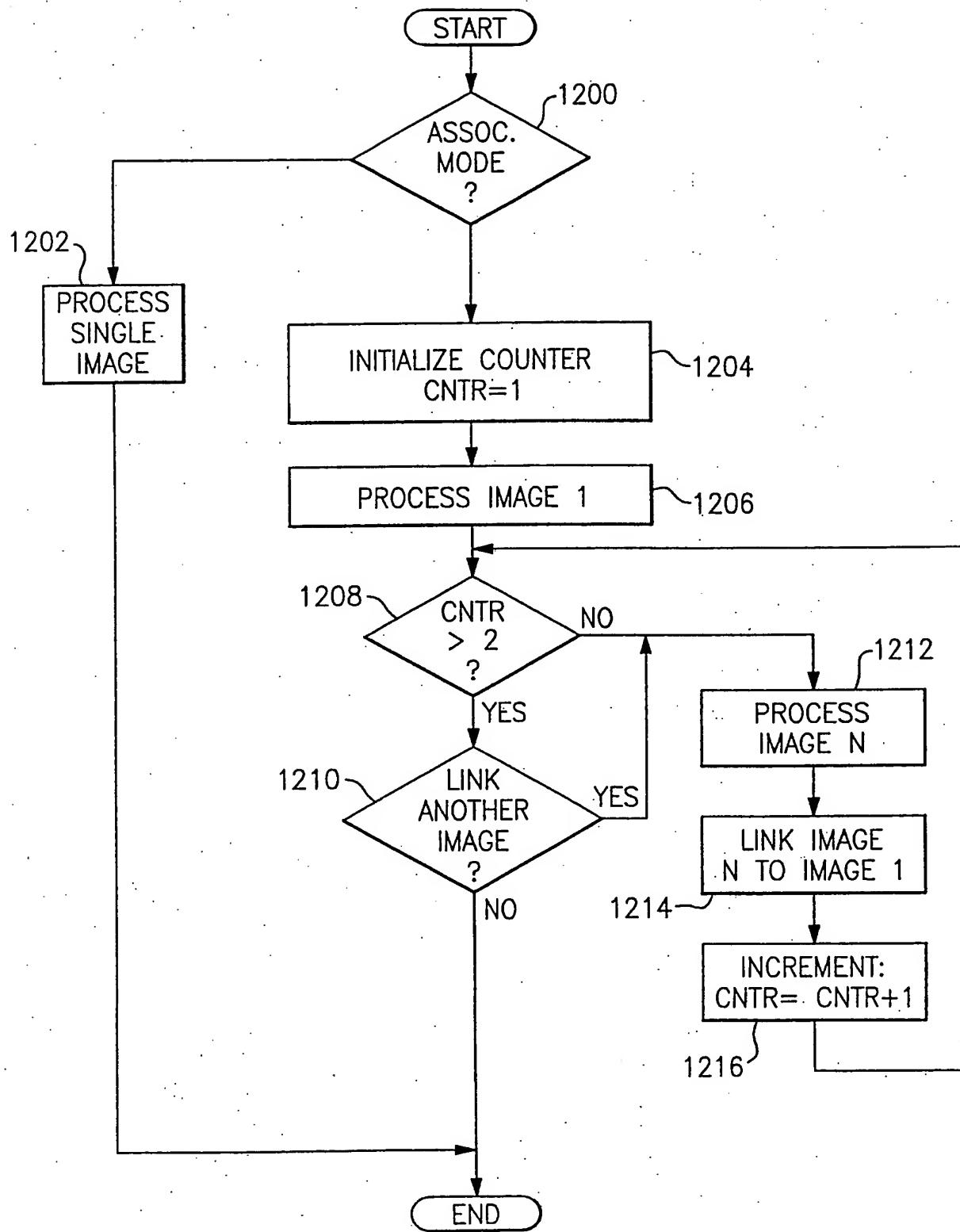
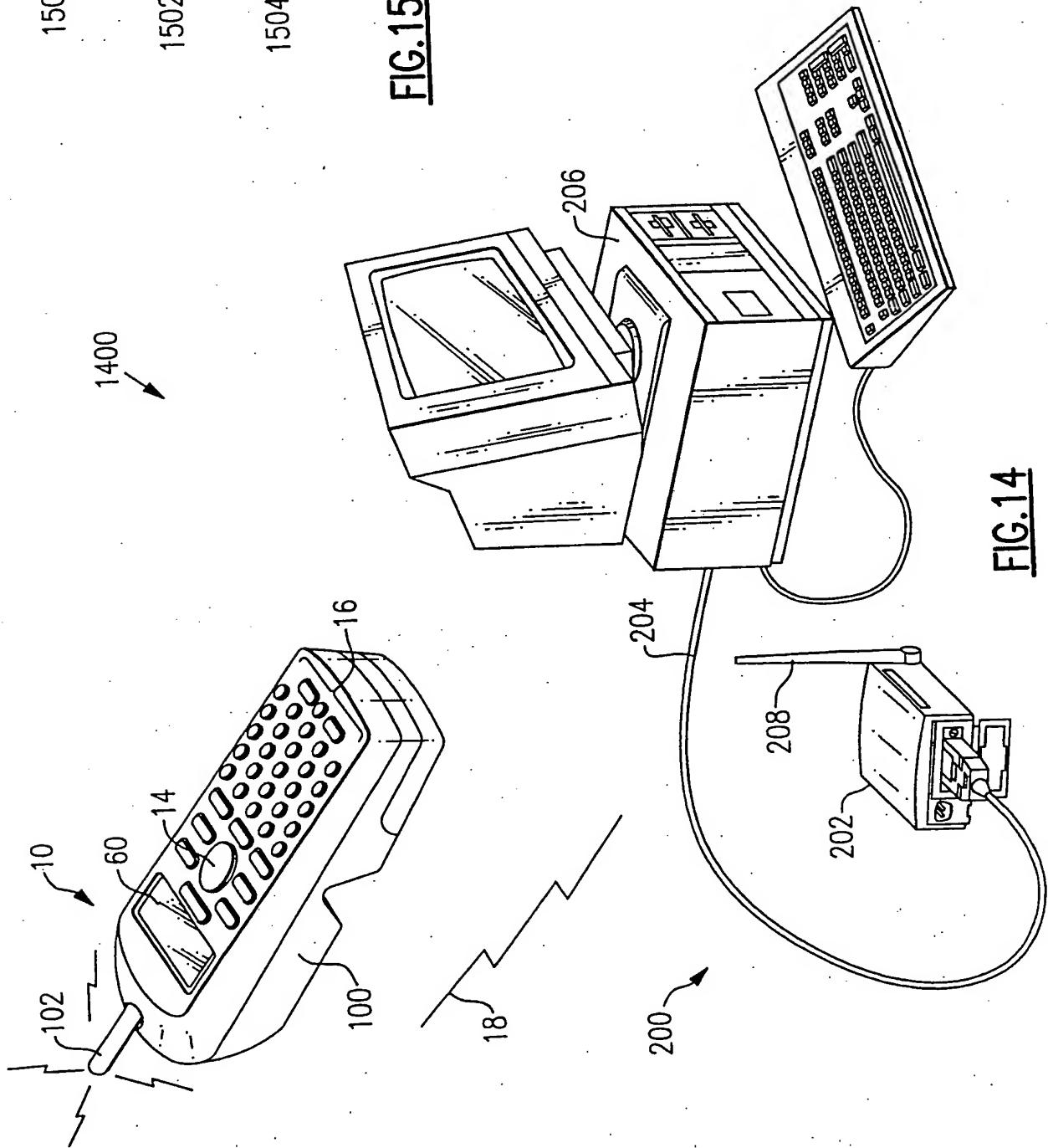
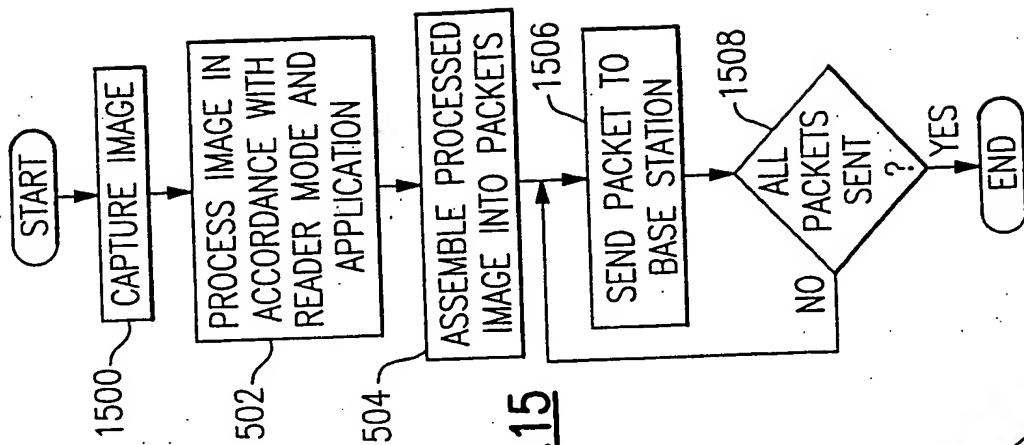


FIG.12



SCANNER ADDRESS	SEQUENCE NUMBER	LENGTH	IMAGE TYPE	IMAGE DATA	ERROR CHECK
-----------------	-----------------	--------	------------	------------	-------------

**FIG.16A**

SCANNER ADDRESS	SEQUENCE NUMBER	LENGTH	HEADER ID	TOTAL LENGTH	NO. OF PACKETS	PACKET NO.	ERROR CHECK
-----------------	-----------------	--------	-----------	--------------	----------------	------------	-------------

HEADER  
PACKET

SCANNER ADDRESS	SEQUENCE NO.	LENGTH	IMAGE TYPE	PACKET NO.	IMAGE DATA	ERROR CHECK
-----------------	--------------	--------	------------	------------	------------	-------------

REMAINING  
PACKETS

**FIG.16B**

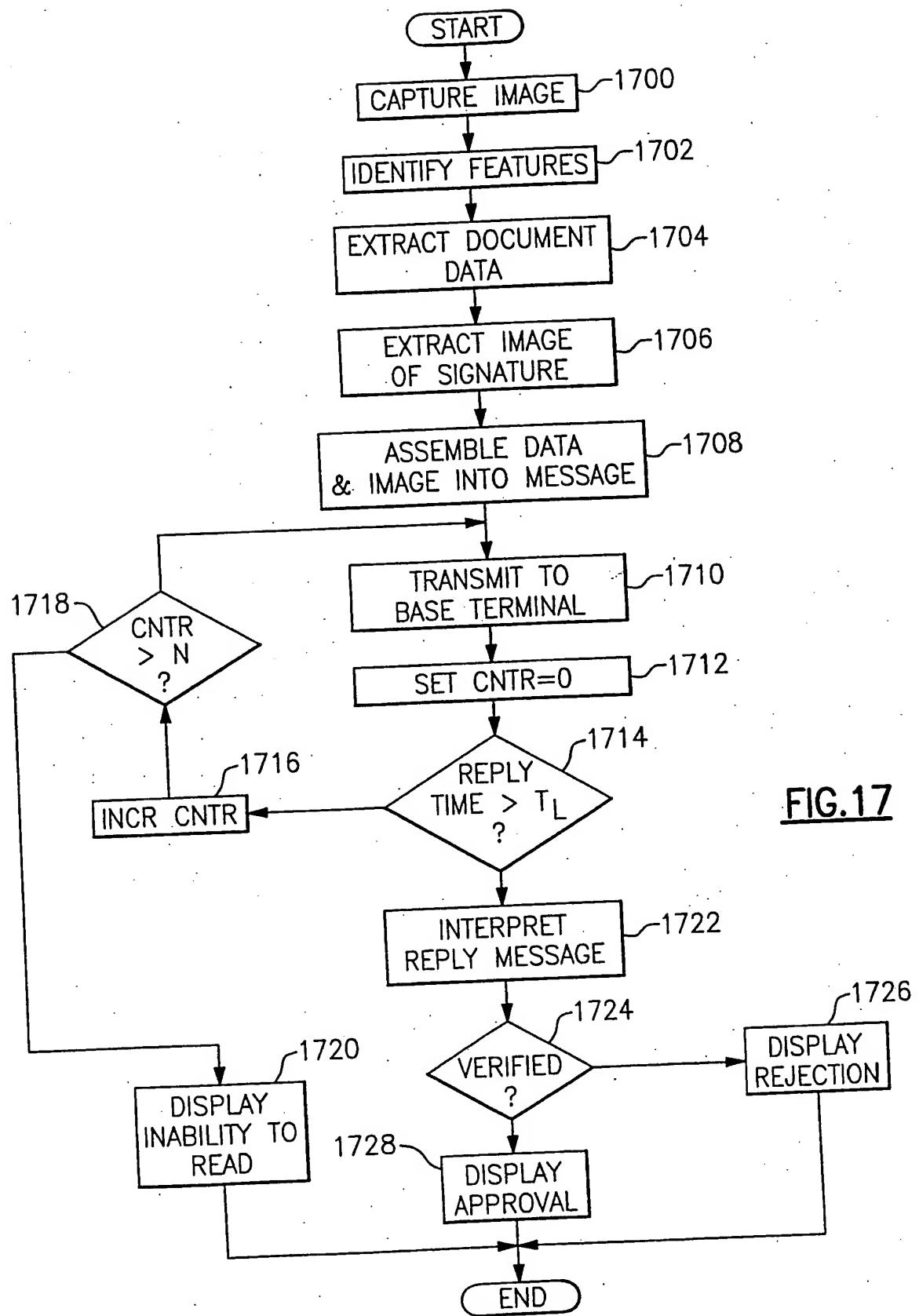


FIG.17

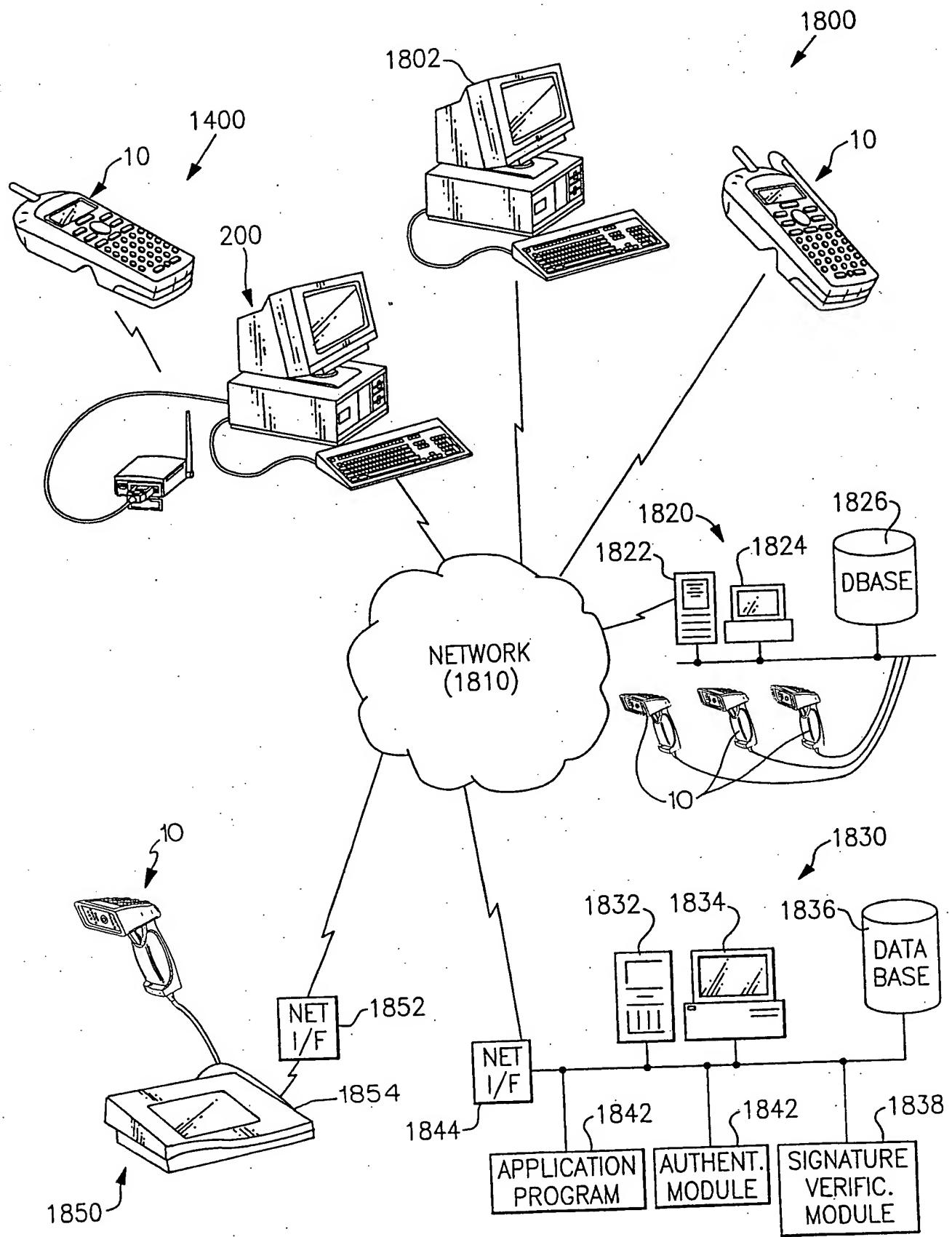


FIG.18